

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An apparatus comprising:

a patent foramen ovale (PFO) closure device having a deployed configuration for providing compressive force to septum primum and septum secundum and including:

a central body for extending through the PFO, wherein the central body is elongated and substantially linear and extends along a longitudinal axis of the device,

a first end cap, and a second end cap;

a first wire and a second wire extending from the first end cap to the second end cap;

the first wire and the second wire defining first and second loops on one side of the PFO, each of the first and second loops extending from the central body to the first end cap, and third and fourth loops on the other side of the PFO, each of the third and fourth loops extending from the central body to the second end cap, each of the first and second loops defining a first plane substantially parallel to septum primum and septum secundum such that the first and second loops apply a force, perpendicular to the first plane, to one of septum primum and septum secundum, each of the third and fourth loops defining a second plane substantially parallel to septum primum and septum secundum such that the third and fourth loops apply a force, perpendicular to the second plane, to one of septum primum and septum secundum.

2. (Cancelled)

3. (Cancelled)

4. (Currently amended) The apparatus of claim 31, where there are three or more loops on each side of the PFO.
5. (Currently amended) The apparatus of claim 31, wherein the central body and the first and second end caps are oriented in a line substantially perpendicular to septum primum and septum secundum.
6. (Original) The apparatus of claim 1, wherein the device has a collapsed configuration for delivery through a catheter.
7. (Original) The apparatus of claim 6, wherein the device includes nitinol.
8. (Original) The apparatus of claim 6, wherein the device includes a shape memory polymeric material.
9. (Original) The apparatus of claim 6, wherein the device is made from a shape memory material with properties such that the device, when delivered into a body, has a phase transition and assumes the deployed configuration.
10. (Original) The apparatus of claim 1, wherein the device is retrievable, redeployable, and repositionable.
11. (Original) The apparatus of claim 1, further comprising a material over the first and second loops for promoting tissue ingrowth.
12. (Original) The apparatus of claim 11, wherein the loops are made of a bioresorbable material.
13. (Original) The apparatus of claim 3, further comprising a material over the first and second loops for promoting tissue ingrowth.

14. (Original) A method comprising delivering the PFO closure device of claim 1 through a catheter to a PFO.
15. (Original) A method comprising delivering the PFO closure device of claim 2 through a catheter to a PFO.
16. (Original) A method comprising delivering the PFO closure device of claim 3 through a catheter to a PFO.
17. (Original) A method comprising delivering the PFO closure device of claim 4 through a catheter to a PFO.
18. (Original) A method comprising delivering the PFO closure device of claim 1 through a catheter to a PFO, wherein the device includes a shape memory material.
19. (Original) A method comprising delivering the PFO closure device of claim 10 through a catheter to a PFO.
20. (Original) A method comprising delivering the PFO closure device of claim 11 through a catheter to a PFO.
21. (Original) A method comprising delivering the PFO closure device of claim 12 through a catheter to a PFO.
22. (Original) A method comprising delivering the PFO closure device of claim 12 through a catheter to a PFO, and drawing the device back into the catheter..
23. (Cancelled)
24. (Cancelled)